

# ST MARTIN'S CATHOLIC PRIMARY SCHOOL

## DESIGN AND TECHNOLOGY POLICY

### **Aims and Objectives**

St Martin's Catholic Primary School believes that Design and Technology is an inspiring, rigorous and practical subject. Using creativity and imagination, pupils design and make products that solve real and relevant problems within a variety of contexts, considering their own and others' needs, wants and values. We aim for our curriculum to provide a broad range of experiences, subject knowledge and draw on disciplines such as mathematics, science, engineering, computing and art. Every pupil in our school will be encouraged to reach their full potential in Design and Technology by developing the creative, technical and practical expertise needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world.

### **Design and Technology Curriculum Planning**

Design and Technology is a foundation subject in the National Curriculum. At St Martin's Catholic Primary School we use a long term plan of work developed by our school for our curriculum planning of Design and Technology. Every year group plans creatively through the use of half termly themes and where possible, Design and Technology is linked with other subject areas.

Our Design and Technology curriculum is planned for through long, medium and short term planning. Our long term planning illustrates the Design and Technology themes covered within each key stage every half term and plans for progression and increased challenge as our pupils move up through the school. Our medium term planning is planned for within each Year Group and provides details of each unit of work for each half term. These plans ensure an appropriate balance and broad coverage of skills is taught throughout the year. Short term plans should build upon the prior learning of our pupils and should give pupils of all abilities the opportunity to develop their understanding, skills and knowledge.

### **Inclusion**

We provide a broad and balanced curriculum for all of our pupils regardless of their age or abilities. Opportunities are given to all children to develop their own ideas and

individual responses. We make appropriate arrangements for children with Special Educational Needs, such as physical impairment who may require the use of modified/special tools.

## **Assessment and Recording**

The children's work in Design and Technology is assessed through observation during lessons. Learning objectives for each lesson will be used by the class teacher to make an informed decision as to whether each child is working above, at or below the expected level at the end of each unit of work. An end of year judgement against the National Curriculum levels of attainment will be made by each child's class teacher and the progress of each child will be shared with parents in their annual report.

## **Resources**

A range of basic resources to support the teaching of Design and Technology are available in each classroom. Less frequently used/specialised resources are stored centrally. Careful selection of resources, the organisation of work areas within the classroom and the clear demonstration of techniques form the basis of good health and safety practice. The school has an agreed range of materials, equipment and techniques to be used.

## **The Role of the Design and Technology Curriculum Co-Ordinator**

The responsibilities of the Design and Technology Co-ordinator include:

- Write and monitor the Design and Technology action plan.
- Write and update the Design and Technology curriculum policy.
- Produce a long term plan of work which will be used as the basis of a curriculum map for Design and Technology.
- Monitor and review the progression in Design and Technology by carrying out learning walks and complete the whole school monitoring form.
- Produce a portfolio of work with samples from each year group to show progression throughout the school.
- Support colleagues with the planning and delivery of lessons when required.
- Audit staff skills and any training required.
- Complete a curriculum report form for the Governors.

## Health and Safety

In every classroom, pupils will be taught to use materials, tools and techniques safely. All adults working with pupils during Design and Technology sessions must read and pay particular attention to this section of the Design and Technology Policy and will be aware of the First Aid policy within our school.

All activities that are carried out with our pupils should be assessed for risk and when appropriate, a risk assessment form must be completed by the adult responsible for teaching Design and Technology to our pupils. At all times the website CLEAPSS should be visited to research the methods and materials being used in Design and Technology sessions to ensure that all risks are considered and assessed appropriately.

For instance when using resources *such as; Plaster of Paris, Mod-roc, Craft knives, saws and other sharp tools, adhesives and spray paints (NB this list is not exhaustive and all resources and materials should be researched fully)*. Additional care must be taken and the latest guidance from CLEAPSS must be followed and adhered to. See the following website, <http://primary.cleapss.org.uk/> NB Login details are updated annually and are available from the school office.

Remember for all Design and Technology sessions you have appropriate adult supervision and follow our school's Health and Safety Guidance.

Agreed by the Head Teacher: \_\_\_\_\_

Agreed by the Governing Body: \_\_\_\_\_

To be Reviewed: \_\_\_\_\_